



GIVAUDAN-ROURE
LAGOON CLOSURE PLAN
NJPDES PERMIT NO. NJ088374

April 23, 1996

Issued May 1, 1996

PREPARED FOR

GIVAUDAN-ROURE CORPORATION
CLIFTON, NEW JERSEY

PREPARED BY

CREST ENGINEERING ASSOCIATES, INC.
HIGHTSTOWN, NEW JERSEY

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1.0 Introduction

The Clifton Facility of Givaudan-Roure Corporation is located at 125 Delawanna Avenue in the City of Clifton, Passaic County, New Jersey. The facility includes the Fragrance Specialty Divison (plant south of Delawanna Avenue). This Plan of Closure concerns the Fragrance Specialty Divison site only. The Fragrance Specialty Divison is bounded by a New Jersey Transit/Conrail railroad on the west, River Road on the south, a residential area on the southeast, and Delawanna Avenue on the northeast.

The Clifton Facility is a manufacturing facility producing aroma and specialty chemicals. Attendant support activities include quality control, engineering, warehousing, maintenance and utility services, wastewater pretreatment, and employee services.

The facility consists of multiple buildings separated by paved roadways, sidewalks, and parking lots. The facility is served by stormwater, sanitary, and wastewater/sanitary sewer systems and potable water systems.

Stormwater sewer inlets are located throughout the facility. The stormwater sewers and overland flow discharge to the Clifton stormwater sewer at Delawanna Avenue, a stormwater collection lagoon, the swale beside the railroad, River Road at the Railroad crossing and an inlet at River Road that all discharge through the City of Clifton storm sewer system and, ultimately, into the Passaic River.

Givaudan-Roure has Discharge to Groundwater NJPDES permit number NJ088374 for the referenced existing stormwater collection lagoon located in the west-central portion of the site and situated south of Delawanna Avenue. In accordance with Part II-DGW-I of permit number NJ088743, Givaudan-Roure is required to submit a closure plan to NJDEP 180 days prior to expected closure of the lagoon.

This proposal consists of closing the existing lagoon and directing the stormwater to it's current destination at the southern portion of the facility through a proposed on-site storm sewer system.

2.0 Reasons for Lagoon Closure

Givaudan-Roure plans to close the lagoon to open up additional real estate for use. Givaudan-Roure is currently in the process of developing a capital improvements program. The program includes demolishing some of the older existing buildings and constructing new buildings. Closing of the lagoon provides added flexibility for configuration of buildings, parking areas and access roadways.

Currently, the lagoon does capture stormwater runoff from small events. However, it does not have the capacity to retain the

stormwater runoff from a 25 year storm, the design storm required by the City of Clifton. During such a storm, the pond will overtop. The overtopping stormwater will flow to the south and outfall on River Road. Therefore, closure of the pond will not significantly affect the flow patterns of the site.

3.0 Future Use of Area Occupied by Lagoon

As stated in Section 2.0, Givaudan-Roure is planning a capital improvements program. The actual configuration of the proposed buildings, parking and access roads have not been finalized. It is anticipated that a portion of a building, parking area, roadway or lawn will be located at the current lagoon location.

4.0 Volume of Sludge in Lagoon

Since only stormwater has been directed to this lagoon for at least the last 20 years, it is expected that no sludge exists in the pond. Sampling in accordance with the NJPDES Permit has not revealed any deviations from acceptable levels of all constituents.

Any sediments found in the lagoon are expected to consist of grit and soil transported by the stormwater runoff from the parking and the grassed areas within the drainage area. Soils logs in other areas of the site indicate that the soil is a loamy sand.

The actual components of the soil at the bottom of the pond will not be known until such time as the water surface is lowered. Once the surface water level has been reduced, the character of the sediments can be determined by visual inspection. If the sediment appears to contain too much organic content to be stable under the loading of the proposed back fill, the sediment will be excavated and disposed either on-site or off-site in a manner appropriate to its character and in accordance with all applicable regulations. An estimate of sediment will be prepared during sediment evaluation.

At this time, it is not anticipated that off-site disposal will be necessary.

5.0 Fill Material

The fill material shall approximate the characteristics of the soil present on-site. The soil profile shall consist of a mixture of red/brown medium and coarse to very coarse silty sand. See attached drilling logs for two logs within the vicinity of the lagoon.

6.0 Plot Plan

Attached, please see "Lagoon Closure Site Plan", dated April 22, 1996. Indicated on this plan are: Note that the lagoon closure is a part of a larger project. Only those improvements directly

related to lagoon closure are indicated.

1. Existing storm sewer piping to be abandoned, (as relevant to the project).
2. Existing storm sewer piping to remain, (as relevant to the project).
3. Proposed on-site storm sewer to be constructed to collect and convey the stormwater runoff now directed toward the lagoon.
4. Proposed final grades of the lagoon after back filling.

7.0 Sedimentation and Erosion Control Plans

A Sedimentation and Erosion Control Plan shall be prepared during the construction plan preparation phase. These plans shall be prepared in accordance with Standards for Soil Erosion and Sediment Control in New Jersey, April 1986. Since the lagoon closure is a part of a larger project and surface area to be disturbed will greater than 5,000 square feet, the soil erosion and sediment control plans for the entire project will be submitted to the Hudson-Essex-Passaic Soil Conservation District in Verona, New Jersey, for certification.

The attached Lagoon Closure Plan includes a detail sheet for lagoon closure specific soil erosion and sediment control details.

8.0 Schedule of Events

Schedule of closure activities			
	Start Date	Duration	Activity
1	May 1, 1996	3 months	Submit closure plan to NJDEP for approval ¹
2	August 1, 1996	1 month	Incorporate into construction documents,
3	September 1, 1996	5 months	Obtain City of Clifton, Passaic County, Essex-Hudson-Passaic Soil Conservation District approvals
4	February 1, 1997	1 month	Bid project
5	March 1, 1997	1 month	Mobilization
6	April 1, 1997	2 months	Install proposed stormwater system (including connections of existing system to divert flow from lagoon outfalls)...ending sampling requirements
7	June 1, 1997	1 week	Pump remaining stormwater out of lagoon and into stormwater system
8	June 8, 1997	2 weeks	Determine structural suitability of soil at bottom of lagoon
9	June 22, 1997	2 week	Excavate any soils not structurally unsuitable
10	July 8, 1997	1 week	Back fill lagoon area with soil representative of area and structurally suitable, topsoil and seed or construct structure to be located on this area

¹ The approval process timing is critical. The current permit expires in June of 1997 and a request for renewal is due by January of 1997. Therefore, to ensure that request for renew is not required, construction must be started by April 1997. Closure approval must be obtained with enough lead time to conduct all required activities prior to beginning construction.

APR-26-1988 15:04

Environmental Resources Management

Drilling Log

Project Givaudan Owner Givaudan Corporation
 Location Clifton, NJ W.O. Number 223-07-01-01
 Well Number 10D, 10S, 10SA Total Depth 204 Diameter 6"
 Surface Elevation _____ Water Level: Initial _____ 24-hrs _____
 Screen: Dia. See page 9 Length _____ Slot Size _____
 Casing: Dia. _____ Length _____ Type _____
 Drilling Company Hardin-Huber Inc. Drilling Method Mud/Air Rotary
 Driller Nate Lazaro Log By R. Carper/C. Pidge Date Drilled 5/5/88

Sketch Map

Notes

Depth (feet)	Grapho Log	Well Construction	Sample Number	Blow Count	CWA Reading (ppm)	Description/Soil Classification (Color, Texture, Structures)
1						0-6.2' 10R 3/4, Dark red coarse to very coarse subangular silty sand with trace rock fragments and cobbles with angular pebbles and trace mica
2						
3						
4						
5			1	2,3	3.0	
6				5,6		6.2- 5YR 4/6, Yellowish red coarse to very
7						11.5' coarse poorly sorted silty sand with
8						trace heavy minerals and angular
9						quartzose rock fragments
10			2	3,4	2.4	
11				5,6		
12						11.5- 7.5YR 4/6, Strong brown medium silty
13						21.8' sand
14						
15			3	3,6	0.2	
16				10,8		
17						
18						
19						
20			4	6,6	0	
21				8,9		21.8- 7.5YR 4/4, Dark brown fine to
22			5	2,3	0.2	23.2 medium silty sand, wet
23				3,8		23.2- 10YR 3/3, Dark brown fine silty sand
24			6	3,8	1.0	26.0 with occasional rock fragments, wet
25				10,12		
26						

Environmental Resources Management

Drilling Log

Project _____ Owner _____

Location _____ W.O. Number _____

Well Number 10D, 10S, 10SA Total Depth _____ Diameter _____

Surface Elevation _____ Water Level: Initial _____ 24-hrs. _____

Screen: Dia. _____ Length _____ Slot Size _____

Casing: Dia. _____ Length _____ Type _____

Drilling Company _____ Drilling Method _____

Driller _____ Log By _____ Date Drilled _____

Sketch Map

Notes

Depth (feet)	Graphic Log	Well Construction	Sample Number	Blow Count	CWA Reading (ppm)	Description/Soil Classification (Color, Texture, Structures)
27			7	10, 11	0.6	26-28' 10YR 4/3, Brown clayey silt marbled with black silt lenses, good plasticity, moist
28				10, 9		
29						
30						28-37' 10R 3/4, Dusky red clayey silt with very fine sand, good plasticity, moist
31						
32						
33						
34						
35						
36			8	8, 17	0.4	
37				15, 15		
38						37-44' 2.5YR 3/2 Dusky red silty clay with silt lenses, moist
39						
40						
41						
42						
43						
44						
45						44-50' 5R 4/3 Weak red, silty sand with trace clay, wet
46			9	10, 12	0.5	
47				20, 16		
48						
49						
50						
51			10	25, 47	0.8	50-59' 10R 5/3 Weak red, silty sand with trace clay, not plastic, wet
52				40, 51		

Environmental Resources Management

Drilling Log

Project _____ Owner _____

Location _____ W.O. Number _____

Well Number 10D, 10S, 10SA Total Depth _____ Diameter _____

Surface Elevation _____ Water Level: Initial _____ 24-hrs _____

Screen: Dia. _____ Length _____ Slot Size _____

Casing: Dia. _____ Length _____ Type _____

Drilling Company _____ Drilling Method _____

Driller _____ Log By _____ Date Drilled _____

Sketch Map

Notes

Depth (feet)	Graphical Log	Well Construction	Sample Number	Blow Count	OVA Reading (ppm)	Description/Soil Classification (Color, Texture, Structures)
53						
54						
55						
56			11	27, 30	No	
57				41, 38	Recovery	
58			12	15, 14	1.0	
59				16, 20		
60						59-65.8' 10YR 3/3, Dark brown wilty fine sand with trace clay, semi-plastic, dense.
61						
62						
63						
64						
65						
66			13	17, 18	3.0	65.8-71.6' 10R 5/3, Weak red silty fine sand with trace clay, dense.
67				14, 19		
68						
69						
70						
71			14	17, 18	5.0	
72				45, 47		71.6-76' 10YR 5/2, Grayish brown silty fine sand with trace clay and grey mottling, crumbly, dense.
73						
74						
75						
76			15	23, 25	16.0	
77				28, 40		76-79' 10YR 4/3 Brown fine silty sand with some clay and some grey mottling, crumbly, dense.
78						

Environmental Resources Management

Drilling Log

Project _____ Owner _____

Location _____ W.O. Number _____

Well Number 10D, 10S, 10SA Total Depth _____ Diameter _____

Surface Elevation _____ Water Level: Initial _____ 24-hrs. _____

Screen: Dia. _____ Length _____ Slot Size _____

Casing: Dia. _____ Length _____ Type _____

Drilling Company _____ Drilling Method _____

Driller _____ Log By _____ Date Drilled _____

Sketch Map

Notes

Depth (feet)	Graphic Log	Well Construction	Sample Number	Blow Count	OWA Reading (ppm)	Description/Soil Classification (Color, Texture, Structures)
79						79-90' 10YR 4/3 Brown fine silty sand with some clay and some grey mottling, crumbly, dense
80						
81			16	27, 24	5.0	
82				23, 28		
83						
84						
85						
86			17	25, 35	1.5	90-92' 10YR 5/3 Brown fine silty sand with trace clay, blocky, crumbly, grey mottling.
87				38, 45		
88						
89						
90						
91			18	27, 39	0.5	95-97' 10YR 4/2 Dark greyish brown very fine silty sand with trace clay, blocky, crumbly, grey mottling.
92				38, 45		
93						
94						
95						
96			19	30, 25	1.5	100-102' 5YR 4/3 Reddish brown fine silty sand with trace clay with stringers of 10YR 4/1, Dark grey plastic clay.
97				30, 40		
98						
99						
100						
101			20	13, 20		
102				18, 21		
103						
104						

Environmental Resources Management

Drilling Log

Project _____ Owner _____

Location _____ W.O. Number _____

Well Number 10D, 10S, 10SA Total Depth _____ Diameter _____

Surface Elevation _____ Water Level: Initial _____ 24-hrs _____

Screen: Dia. _____ Length _____ Slot Size _____

Casing: Dia. _____ Length _____ Type _____

Drilling Company _____ Drilling Method _____

Driller _____ Log By _____ Date Drilled _____

Sketch Map

Notes

Depth (feet)	Graphic Log	Well Construction	Sample Number	Blow Count	OVA Reading (ppm)	Description/Soil Classification (Color, Texture, Structures)
105						
106			21	55, 52	No	
107				70, 76	Recovery	
108						
109						
110						
111			22	44, 45	3.0	
112				54, 58		
113						
114						
115						
116			23	25, 32	7.0	
117				37, 45		
118						
119						
120						
121			24	19, 29	3.0	
122				30, 55		
123						
124						
125						
126			25	25, 27	3.0	
127				30, 35		
128						
129						
130						

Environmental Resources Management

Drilling Log

Project _____ Owner _____

Location _____ W.O. Number _____

Well Number 10D, 10S, 10SA Total Depth _____ Diameter _____

Surface Elevation _____ Water Level: Initial _____ 24-hrs. _____

Screen: Dia. _____ Length _____ Slot Size _____

Casing: Dia. _____ Length _____ Type _____

Drilling Company _____ Drilling Method _____

Driller _____ Log By _____ Date Drilled _____

Sketch Map

Notes

Cored from 154

164 feet

Depth (feet)	Graphic Log	Well Construction	Sample Number	Blow Count	OVA Reading (ppm)	Description/Soil Classification (Color, Texture, Structure)
131			26	21, 32	No	
132				36, 48	Recovery	
133						
134						
135						
136			27	24, 27	0.0	135-137' 5YR 3/4 Dark reddish brown clayey
137				32, 37		silt, slightly plastic, slight grey
138						mottling
139						
140						
141			28	33, 38	No	
142				36, 38	Recovery	
143						
144						
145						
146			29	24, 31	2.0	145-157' 5YR 4/4 Reddish brown very fine silty
147				37, 37		sand, with grey clay mottles.
148						
149						
150						
151			30	30, 35		150-153' 5YR 4/4 Reddish brown very fine silty
152				36, 35		sand.
153						153-154' Gravel/weathered bedrock
154						
155						154-156.3' 10R 3/3 Dusky Red medium grain silty
156						micaceous sandstone.

Environmental Resources Management, Inc.

Well 14D

WO No:	22317.00.01	Date Completed	10 July 1995
Project	Givaudan	Owner	Givaudan-Roure Corporation
Location	Clifton, N. Jersey	Boring Depth (ft)	172.0
Lat.		Surface Elevation	feet msl
Long.		Riser Elevation	feet msl
Screen	Open Hole	Length (ft)	Diameter
Slot Size		Stabilized DTW	feet TOC
Riser	None	Length (ft)	Diameter
Method	Mud Rotary/Air Hammer	Driller	T. Brown
Drilling Company	Aquifer Drilling & Testing	Mid - Atlantic, Inc.	Geologist Goncalves/Kimsey

Location Sketch Map

Elevation (MSL)	Depth (feet BGS)	Well Construction Schematic	Split-Spoon #	Recovery (inches)	Blows per 0.5 feet	OVA (ppm)	Sample (feet BGS)	Sample Description/Classification
								Overburden lithology from 2-inch split-spoon samplers.
								Steel surface casing (10-inch) to 30' bgs.
								Steel casing (6-inch) to 147' bgs.
	0		1	10	29-19-15	0	0.5-2	Red/brown cobbles, fine sand & gravel, dry.
			2	8	9-11-8-7	0	2-4	Same as above.
			3	14	7-8-11-9	0	4-6	Gravel & silt & cobbles, damp.
	5		4	8	13-8-11-5	0	6-8	Red/brown cobbles, fine to medium sand and gravel, dry.
			5	6	6-2-3-5	0	8-10	Same as above.
	10		6	4	3-4-3-4	0	10-12	Same as above.
			7	12	4-6-8-7	0	12-14	Same as above.
			8	12	12-10-8-3	0	14-16	Red/brown cobbles and sandy silt, some low plasticity clay; damp to moist.
	15		9	12	6-12-9-10	0	16-18	Same as above.
			10	12	4-5-7-9	0	18-20	Same as above.

Environmental Resources Management, Inc.

Well 14D

WO No: <u>22317.00.01</u>	Date Completed <u>10 July 1995</u>	
Project <u>Givaudan</u>	Owner <u>Givaudan-Roure Corporation</u>	
Location <u>Clifton, N. Jersey</u>	Boring Depth (ft) <u>172.0</u>	Diameter <u>6 inches</u>
Lat. _____	Surface Elevation _____	feet msl
Long. _____	Riser Elevation _____	feet msl
Screen <u>Open Hole</u>	Length (ft) _____	Diameter _____
Slot Size _____	Stabilized DTW _____	feet TOC
Riser <u>None</u>	Length (ft) _____	Diameter _____
Method <u>MudRotary/Air Hammer</u>	Driller <u>T. Brown</u>	Geologist <u>Gonzales/Kimsey</u>
Drilling Company <u>Aquifer Drilling & Testing</u>	<u>Mid - Atlantic, Inc. Trenton, N. Jersey</u>	

Location Sketch Map

Elevation (MSL)	Depth (feet BGS)	Well Construction Schematic	Split-Spoon #	Recovery (Inches)	Blows per 0.5 feet	OVA (ppm)	Sample (feet BGS)	Sample Description/Classification
	20		11	8	4-13-	0	20-22	Same as above (upper 4 "); medium-fine sand & gravel (lower 4 "); red/brown color, dry.
					19-9			
			12	12	14-10-	0	22-24	Red/brown fine sand & cobbles, little fines; cobbles are semiconsolidated sandstone.
					10-10			
			13	18	5-6-	0	24-26	Same as above (upper 6 "); tan/red fine sand, wet to damp (lower 12 ").
	25				6-9			
			14	18	2-3-	0	26-28	Tan/red fine sand, wet to damp.
					8-10			
			15	20	6-7-	0	28-30	Same as above (upper 6 "); tan/gray fine sand (lower 4 ").
					8-8			
	30		16	18	7-5-	0	30-32	Tan/gray fine sand, saturated (upper 6 "); gray to black fine sand, strong sewer odor (lower 12 ").
					5-6			
			17	24	6-7-	0	32-34	Fine silty sand, black/gray color, saturated, very strong sewer odor.
					10-12			
	35		18	24	19-15-	0	35-37	Silty sand and silt, gray/black color, very strong odor.
					15-22			
	40		19	24	12-19-	0	40-42	Same as above.
					21-30			

[illegible]







Location Sketch Map

Page 3

Environmental Resources Management, Inc.

Well 14D

WO No: <u>22317.00.01</u>	Date Completed <u>10 July 1995</u>		
Project <u>Givaudan</u>	Owner <u>Givaudan-Roure Corporation</u>		
Location <u>Clifton, N. Jersey</u>	Boring Depth (ft) <u>172.0</u> Diameter <u>6 inches</u>		
Lat. _____	Surface Elevation _____ feet msl		
Long. _____	Riser Elevation _____ feet msl		
Screen <u>Open Hole</u>	Length (ft) _____ Diameter _____		
Slot Size _____	Stabilized DTW _____ feet TOC		
Riser <u>None</u>	Length (ft) _____ Diameter _____		
Method <u>Mud Rotary/Air Hammer</u>	Driller <u>T. Brown</u>	Geologist <u>Goncalves/Kimsey</u>	
Drilling Company <u>Aquifer Drilling & Testing Mid - Atlantic, Inc. Trenton, N. Jersey</u>			

Elevation (MSL)	Depth (feet BGS)	Well Construction Schematic	Split-Spoon #	Recovery (inches)	Blows per 0.5 feet	OVA (ppm)	Sample (feet BGS)	Sample Description/Classification
	95		30	12	22-21- 39-40	4	95-97	Medium/fine red/brown sand, damp.
	100		31	14	32-48- 59-63	NA	100-102	Same as above (upper 6 "); same as above with gravel (lower 8 ").
	105		32	12	NA	0	105-107	Brown clay, low plasticity, no odor.
	110		33	0	NA	NA	110-112	No recovery, may be large gravel.
	115		34	4	NA	NA	115-120	Large gravel.
	120							

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Division of Water Quality

NJ0088374

**NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM
PERMIT APPLICATION**

Refer to Instructions on Page 6 and the Appropriate Completeness Checklist and Provide All Applicable Information. Please Print or Type. (Attach additional sheets if necessary)

1. APPLICANT(S)/OPERATING ENTITY(IES)

Name GIVAUDAN ROURE CORPORATION
Mailing Address 155 PASSAIC AVENUE
City or Town FAIRFIELD, State NJ Zip Code 07004
Federal Tax I.D.# 024230200 Telephone (973) 439-2123
Fax (973) 439-2237 E-Mail gene.thomas@roche.com
Parent Corporation & Place of Incorporation GIVAUDAN ROURE CORPORATION, NEW JERSEY

2. PROPERTY/LAND OWNER(S)

Name SEE 1
Mailing Address _____
City or Town _____ State _____ Zip Code _____
Federal Tax I.D.# _____ Telephone () _____

3. LOCATION OF FACILITY/SITE

Name of Facility/Site GIVAUDAN ROURE CORPORATION
Street Address/Location 100 DELAWANNA AVENUE
City or Town CLIFTON, State NJ Zip Code 07015
Municipality _____ County PASSAIC EPA I.D. # NJD 002156345

4. FACILITY CONTACT (Person Familiar with the Facility/Site and this Application)

Name GENE THOMAS Telephone (973) 439-2123
Affiliation GIVAUDAN ROURE CORPORATION
Mailing Address 155 PASSAIC AVENUE
City or Town FAIRFIELD, State NJ Zip Code 07004
Fax (973) 439-2237 E-Mail gene.thomas@roche.com

5. PROJECT and DISCHARGE DESCRIPTION (Under This Application)**TERMINATION OF EXISTING NJPDES PERMIT DUE TO PLANT CLOSURE. PERMIT ALLOWS****DISCHARGE TO GROUND WATER OF STORMWATER.****6. REQUESTED NJPDES PERMIT ACTION AND OTHER NJPDES PERMITS**

Under Table A, for each requested permit action under this application, list each discharge activity associated with this facility/site in the left column using the discharge activity category codes provided below (i.e., A, A8, CSO, etc.) and check the requested permit action (new, renewal, etc.). Under Table B, list currently held permits and/or pending applications for this facility/site. For existing permits, list permit number(s) and expiration date.

TABLE A: REQUESTED PERMIT ACTION UNDER THIS APPLICATION

DISCHARGE ACTIVITY (CATEGORY) CODES	PERMIT NUMBER	EXPIR. DATE	NEW	RENEW	MOD.	REVOC.	REVOC. & REISSUE
G W	088374	1/2002				X	

TABLE B: OTHER NJPDES PERMITS ASSOCIATED WITH THIS FACILITY

DISCHARGE ACTIVITY (CATEGORY) CODES	PERMIT NO.	EXP. DATE	PENDING
NONE			

Discharge Activity Categories (for completing the left columns in tables A and B above)

Discharge to Surface Water (DSW) • A Domestic Surface Water Discharge • A8 Discharge to Regional Outfall Auth • CSO Combined Sewer Overflow • B Indus/Commercial/Thermal DSW • B4B GP GW Petro Prod. Cleanup • B5 GP Potable Water Treatment Plant • CG GP Non-Contact Cooling Water Discharge to Ground Water (DGW) • GW Discharge to Ground Water • T1 GP Sanitary Subsurface Disposal			• I1 GP Stormwater Basins/SLF • I2 GP Potable WTP Basins/Drying Beds • K1 GP Autodealers Carwash Residuals and SIU Discharges • L Discharge to POTW (SIU) • D Land App. of Biosolids - Class B • V Land App. of Biosolids - Class A • E Land App. of Industrial Residuals • EG Land App. Food Process. Residual GP	• Z Residuals Transfer Facilities • 04 Residuals - Reed Beds Stormwater Discharges • RF Stormwater Use the following for Table B only • CPM GP Concrete Products Mgt. • SM GP Scrap Metal Proc/Auto Recycling • 5G2 GP Stormwater Basic • 5G3 GP Const. Activity Stormwater
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NJPDES - I

Revision 11/1/97

7. OTHER PERMITS

If any of the following applications have been submitted for this facility/site, complete the applicable information.

Permit Type	Application No. (if assigned)	Application Status		
		Approved Date	Denied Date	Pending✓
● Treatment Works Approval (Municipal - Industrial)				
● Exemption From Sewer Ban	N/A			
● Water Quality Management Plan Amendment	N/A			
● Potable Water Supply Well	N/A			
● Hazardous Waste Management Program	N/A			
● Prevention of Significant Deterioration (PSD)	N/A			
● Nonattainment Program, Clean Air Act	N/A			
● National Emission Standards - Hazardous Pollutants	N/A			
● Ocean Dumping Permits (Marine Protection Act)	N/A			
● Dredge/Fill Permits - Federal Act Section 404	N/A			
● Relevant Environmental Permits - Including Federal, State, & Local Approvals - Specify:	NONE OTHER THAN	X		
	NJPDES PERMIT	7/1/92		

8. STANDARD INDUSTRIAL CLASSIFICATION CODE(S):

SIC Code #

(✓) if assigned by
NJ Dept. of Labor

Products or Service Provided by Facility/Site

2 8 6 9MANUFACTURE OF FLAVORS, FRAGRANCES & SPECIALTY PRODUCTS2 8 4 42 0 8 7

9. WATER SUPPLY/DISCHARGE INFORMATIONRAW WATER SOURCES: Please check ☒ all that apply.

- ☐ Public Water Supply: Name of the water utility PASSAIC VALLEY WATER
☐ Private Wells
☐ Surface Water: Name of the surface waters N/A

A) Is this facility/site connected to a sanitary or combined sewer? Yes ☒ No ☐
If yes, list name, address, and phone number of receiving wastewater treatment plant:

PASSAIC VALLEY SEWERAGE COMMISSIONERS, WILSON AVE, NEWARK, NJ 07105 -973-344-1800

B) Does this facility discharge to a storm drainage system? Yes ☒ No ☐
If yes, please check ☒ Public ☐ Private

C) Does this facility discharge to surface water? Yes ☐ No ☒

D) Does this facility discharge to ground water? Yes ☒ No ☐

10. LICENSED OPERATOR(S) (IF APPLICABLE)

Name JOSEPH A. ZGURZYNSKI SR. N.J. License No. N-3/0016896

Affiliation CONSULTANT TO GIVAUDAN ROURE CORPORATION

Mailing Address 669 COUNTY ROAD 519

City or Town FRENCHTOWN, State NJ Zip Code 08825

Telephone (908 996-4088) Fax (908 996-3205) E-Mail ZG@EPIX.NET

11. APPLICANT'S AGENT (Optional)

The person listed below is authorized to act as agent/representative in all matters pertaining to this application.

Name _____ Position _____

Company _____

Mailing Address _____ City _____

State _____ Zip Code _____ Telephone () _____

Fax () _____ E-Mail _____

Signature of Agent

Date

Signature for Applicant

Date

12. PROPERTY OWNER'S CERTIFICATION (FOR DGW PERMITS ONLY)I hereby certify that GIVAUDAN ROURE CORPORATION

(Property Owner's Name)

owns the property identified in (d.) below. The owner grants permission for the activity to be permitted under this application and authorizes the Department to conduct on-site inspections, if necessary.

In addition, I certify: (check "yes" or "no")

YES

NO

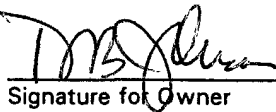
a. The activity will take place in an easement?

X

b. Part of the entire project (e.g. pipeline, disposal area, wells, etc.) is or will be located within property owned by the State of New Jersey?

X

c. Part of the entire project (e.g. pipeline, disposal area, wells, etc.) is or will be located within property owned by a municipality or county? (If "yes", contact the Green Acres Program at (609) 588-3461 for an applicability determination.)

Xd. LOT 22,29,30; 2,104BLOCK 60.14; 73.03

Signature for Owner

4-8-99

Date

DAVID B. JOHNSON, CSP

Print or Type: Name

VP, ENVIRONMENTAL, HEALTH & SAFETY AFFAIRS

Print or Type: Position

Note: If "yes" to statements a, b, or c, the applicant must provide evidence of obtaining permission from the other property owners (include copy with this application).

13. CERTIFICATION BY APPLICANT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for purposely, knowingly, recklessly, or negligently submitting false information."



Signature for Applicant

4-8-99

Date

DAVID B. JOHNSON

Print or Type: Name

VP, ENVIRONMENTAL, HEALTH & SAFETY AFFAIRS

Print or Type: Position

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

74°07'30"

97°00'00"E

975

1:970 000 FEET (N.Y.)

976



USGS TOPOGRAPHIC MAP
Site of Industrial Plant
GIVAUDAN CORPORATION